

**WEST**[Help](#)[Logout](#)[Interrupt](#)[Main Menu](#)[Search Form](#)[Posting Counts](#)[Show S Numbers](#)[Edit S Numbers](#)[Preferences](#)[Cases](#)**Search Results -**

Terms	Documents
L12 and (L7 or L8)	57

Database:

US Patents Full-Text Database	▲
US Pre-Grant Publication Full-Text Database	
JPO Abstracts Database	
EPO Abstracts Database	
Derwent World Patents Index	
IBM Technical Disclosure Bulletins	▼

Search:

[Refine Search](#)[Recall Text](#) ◀▶[Clear](#)**Search History**DATE: Saturday, November 15, 2003 [Printable Copy](#) [Create Case](#)

Next page →

09/615,781

**Set Name Query**  
side by side

**Hit Count Set Name**  
result set

*DB=USPT,JPAB,EPAB,DWPI,TDBD; PLUR=YES; OP=ADJ*

<u>L16</u>	L12 and (L7 or L8)	57	<u>L16</u>
<u>L15</u>	L11 and (L7 or L8)	3	<u>L15</u>
<u>L14</u>	L10 and (L7 or L8)	3	<u>L14</u>
<u>L13</u>	L9 and (L7 or L8)	1	<u>L13</u>
<u>L12</u>	((707/1  707/2  707/3  707/4  707/5  707/6 )!.CCLS. )	5323	<u>L12</u>
<u>L11</u>	((715/513 )!.CCLS. )	624	<u>L11</u>
<u>L10</u>	((715/500 )!.CCLS. )	307	<u>L10</u>
<u>L9</u>	((715/501.1 )!.CCLS. )	446	<u>L9</u>
<u>L8</u>	L6 and Internet	91	<u>L8</u>
<u>L7</u>	L3 and Internet	94	<u>L7</u>
<u>L6</u>	L5 and print\$3	101	<u>L6</u>
<u>L5</u>	L4 and (search\$3 same quer\$6)	290	<u>L5</u>
<u>L4</u>	L1 and database\$1	343	<u>L4</u>
<u>L3</u>	L2 and print\$3	106	<u>L3</u>
<u>L2</u>	L1 and (search\$3 same quer\$6)	318	<u>L2</u>
<u>L1</u>	search engine\$1 and (rank\$3 same result\$1)	394	<u>L1</u>

END OF SEARCH HISTORY

**WEST**[Generate Collection](#)[Print](#)**Search Results - Record(s) 1 through 3 of 3 returned.**☐ 1. Document ID: US 6562077 B2

L14: Entry 1 of 3

File: USPT

May 13, 2003

US-PAT-NO: 6562077

DOCUMENT-IDENTIFIER: US 6562077 B2

TITLE: Sorting image segments into clusters based on a distance measurement

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC
Draw Desc	Image										

☐ 2. Document ID: US 6029192 A

L14: Entry 2 of 3

File: USPT

Feb 22, 2000

US-PAT-NO: 6029192

DOCUMENT-IDENTIFIER: US 6029192 A

TITLE: System and method for locating resources on a network using resource evaluations derived from electronic messages

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC
Draw Desc	Image										

☐ 3. Document ID: US 5675788 A

L14: Entry 3 of 3

File: USPT

Oct 7, 1997

US-PAT-NO: 5675788

DOCUMENT-IDENTIFIER: US 5675788 A

TITLE: Method and apparatus for generating a composite document on a selected topic from a plurality of information sources

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC
Draw Desc	Image										

[Generate Collection](#)[Print](#)

Terms	Documents
L10 and (L7 or L8)	3

Display Format:

-

Change Format

[Previous Page](#)

[Next Page](#)

**WEST**[Generate Collection](#)[Print](#)

Search Results - Record(s) 1 through 3 of 3 returned.

☐ 1. Document ID: US 6611835 B1

L15: Entry 1 of 3

File: USPT

Aug 26, 2003

US-PAT-NO: 6611835

DOCUMENT-IDENTIFIER: US 6611835 B1

TITLE: System and method for maintaining up-to-date link information in the metadata repository of a search engine

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

[KVMC](#)☐ 2. Document ID: US 6321228 B1

L15: Entry 2 of 3

File: USPT

Nov 20, 2001

US-PAT-NO: 6321228

DOCUMENT-IDENTIFIER: US 6321228 B1

TITLE: Internet search system for retrieving selected results from a previous search

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

[KVMC](#)☐ 3. Document ID: US 5913215 A

L15: Entry 3 of 3

File: USPT

Jun 15, 1999

US-PAT-NO: 5913215

DOCUMENT-IDENTIFIER: US 5913215 A

TITLE: Browse by prompted keyword phrases with an improved method for obtaining an initial document set

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

[KVMC](#)[Generate Collection](#)[Print](#)

Terms	Documents
L11 and (L7 or L8)	3

Display Format:

-

Change Format

Previous Page

Next Page

**WEST**[Generate Collection](#)[Print](#)

Search Results - Record(s) 1 through 50 of 57 returned.

☐ 1. Document ID: US 6636853 B1

L16: Entry 1 of 57

File: USPT

Oct 21, 2003

US-PAT-NO: 6636853

DOCUMENT-IDENTIFIER: US 6636853 B1

TITLE: Method and apparatus for representing and navigating search results

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

[KWC](#)☐ 2. Document ID: US 6636848 B1

L16: Entry 2 of 57

File: USPT

Oct 21, 2003

US-PAT-NO: 6636848

DOCUMENT-IDENTIFIER: US 6636848 B1

TITLE: Information search using knowledge agents

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

[KWC](#)☐ 3. Document ID: US 6633885 B1

L16: Entry 3 of 57

File: USPT

Oct 14, 2003

US-PAT-NO: 6633885

DOCUMENT-IDENTIFIER: US 6633885 B1

TITLE: System and method for web-based querying

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

[KWC](#)☐ 4. Document ID: US 6615209 B1

L16: Entry 4 of 57

File: USPT

Sep 2, 2003

US-PAT-NO: 6615209

DOCUMENT-IDENTIFIER: US 6615209 B1

TITLE: Detecting query-specific duplicate documents

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMIC

☐ 5. Document ID: US 6581056 B1

L16: Entry 5 of 57

File: USPT

Jun 17, 2003

US-PAT-NO: 6581056

DOCUMENT-IDENTIFIER: US 6581056 B1

TITLE: Information retrieval system providing secondary content analysis on collections of information objects

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMIC

☐ 6. Document ID: US 6571234 B1

L16: Entry 6 of 57

File: USPT

May 27, 2003

US-PAT-NO: 6571234

DOCUMENT-IDENTIFIER: US 6571234 B1

TITLE: System and method for managing online message board

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMIC

☐ 7. Document ID: US 6567797 B1

L16: Entry 7 of 57

File: USPT

May 20, 2003

US-PAT-NO: 6567797

DOCUMENT-IDENTIFIER: US 6567797 B1

TITLE: System and method for providing recommendations based on multi-modal user clusters

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMIC

☐ 8. Document ID: US 6564213 B1

L16: Entry 8 of 57

File: USPT

May 13, 2003

US-PAT-NO: 6564213

DOCUMENT-IDENTIFIER: US 6564213 B1

TITLE: Search query autocompletion



Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KWIC

☐ 9. Document ID: US 6564202 B1

L16: Entry 9 of 57

File: USPT

May 13, 2003

US-PAT-NO: 6564202

DOCUMENT-IDENTIFIER: US 6564202 B1

TITLE: System and method for visually representing the contents of a multiple data object cluster

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KWIC

☐ 10. Document ID: US 6526440 B1

L16: Entry 10 of 57

File: USPT

Feb 25, 2003

US-PAT-NO: 6526440

DOCUMENT-IDENTIFIER: US 6526440 B1

TITLE: Ranking search results by reranking the results based on local inter-connectivity

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KWIC

☐ 11. Document ID: US 6523026 B1

L16: Entry 11 of 57

File: USPT

Feb 18, 2003

US-PAT-NO: 6523026

DOCUMENT-IDENTIFIER: US 6523026 B1

TITLE: Method for retrieving semantically distant analogies

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KWIC

☐ 12. Document ID: US 6515681 B1

L16: Entry 12 of 57

File: USPT

Feb 4, 2003

US-PAT-NO: 6515681

DOCUMENT-IDENTIFIER: US 6515681 B1

TITLE: User interface for interacting with online message board

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMIC

☐ 13. Document ID: US 6505191 B1

L16: Entry 13 of 57

File: USPT

Jan 7, 2003

US-PAT-NO: 6505191

DOCUMENT-IDENTIFIER: US 6505191 B1

TITLE: Distributed computer database system and method employing hypertext linkage analysis

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMIC

☐ 14. Document ID: US 6493703 B1

L16: Entry 14 of 57

File: USPT

Dec 10, 2002

US-PAT-NO: 6493703

DOCUMENT-IDENTIFIER: US 6493703 B1

TITLE: System and method for implementing intelligent online community message board

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMIC

☐ 15. Document ID: US 6490577 B1

L16: Entry 15 of 57

File: USPT

Dec 3, 2002

US-PAT-NO: 6490577

DOCUMENT-IDENTIFIER: US 6490577 B1

TITLE: Search engine with user activity memory

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMIC

☐ 16. Document ID: US 6463433 B1

L16: Entry 16 of 57

File: USPT

Oct 8, 2002

US-PAT-NO: 6463433

DOCUMENT-IDENTIFIER: US 6463433 B1

TITLE: Distributed computer database system and method for performing object search

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KWIC

☐ 17. Document ID: US 6460036 B1

L16: Entry 17 of 57

File: USPT

Oct 1, 2002

US-PAT-NO: 6460036

DOCUMENT-IDENTIFIER: US 6460036 B1

TITLE: System and method for providing customized electronic newspapers and target advertisements

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KWIC

☐ 18. Document ID: US 6445834 B1

L16: Entry 18 of 57

File: USPT

Sep 3, 2002

US-PAT-NO: 6445834

DOCUMENT-IDENTIFIER: US 6445834 B1

TITLE: Modular image query system

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KWIC

☐ 19. Document ID: US 6442545 B1

L16: Entry 19 of 57

File: USPT

Aug 27, 2002

US-PAT-NO: 6442545

DOCUMENT-IDENTIFIER: US 6442545 B1

TITLE: Term-level text with mining with taxonomies

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KWIC

☐ 20. Document ID: US 6424973 B1

L16: Entry 20 of 57

File: USPT

Jul 23, 2002

US-PAT-NO: 6424973

DOCUMENT-IDENTIFIER: US 6424973 B1

**\*\* See image for Certificate of Correction \*\***

TITLE: Search system and method based on multiple ontologies

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KWWC

☐ 21. Document ID: US 6401085 B1

L16: Entry 21 of 57

File: USPT

Jun 4, 2002

US-PAT-NO: 6401085

DOCUMENT-IDENTIFIER: US 6401085 B1

TITLE: Mobile communication and computing system and method

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KWWC

☐ 22. Document ID: US 6397212 B1

L16: Entry 22 of 57

File: USPT

May 28, 2002

US-PAT-NO: 6397212

DOCUMENT-IDENTIFIER: US 6397212 B1

TITLE: Self-learning and self-personalizing knowledge search engine that delivers holistic results

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KWWC

☐ 23. Document ID: US 6385602 B1

L16: Entry 23 of 57

File: USPT

May 7, 2002

US-PAT-NO: 6385602

DOCUMENT-IDENTIFIER: US 6385602 B1

TITLE: Presentation of search results using dynamic categorization

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KWWC

☐ 24. Document ID: US 6356905 B1

L16: Entry 24 of 57

File: USPT

Mar 12, 2002

US-PAT-NO: 6356905

DOCUMENT-IDENTIFIER: US 6356905 B1

TITLE: System, method and article of manufacture for mobile communication utilizing an interface support framework

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMIC

☐ 25. Document ID: US 6356899 B1

L16: Entry 25 of 57

File: USPT

Mar 12, 2002

US-PAT-NO: 6356899

DOCUMENT-IDENTIFIER: US 6356899 B1

TITLE: Method for interactively creating an information database including preferred information elements, such as preferred-authority, world wide web pages

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMIC

☐ 26. Document ID: US 6341277 B1

L16: Entry 26 of 57

File: USPT

Jan 22, 2002

US-PAT-NO: 6341277

DOCUMENT-IDENTIFIER: US 6341277 B1

TITLE: System and method for performance complex heterogeneous database queries using a single SQL expression

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMIC

☐ 27. Document ID: US 6327590 B1

L16: Entry 27 of 57

File: USPT

Dec 4, 2001

US-PAT-NO: 6327590

DOCUMENT-IDENTIFIER: US 6327590 B1

TITLE: System and method for collaborative ranking of search results employing user and group profiles derived from document collection content analysis

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMIC

☐ 28. Document ID: US 6321228 B1

L16: Entry 28 of 57

File: USPT

Nov 20, 2001

US-PAT-NO: 6321228

DOCUMENT-IDENTIFIER: US 6321228 B1

TITLE: Internet search system for retrieving selected results from a previous search

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KWOC

☐ 29. Document ID: US 6289342 B1

L16: Entry 29 of 57

File: USPT

Sep 11, 2001

US-PAT-NO: 6289342

DOCUMENT-IDENTIFIER: US 6289342 B1

TITLE: Autonomous citation indexing and literature browsing using citation context

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KWOC

☐ 30. Document ID: US 6275229 B1

L16: Entry 30 of 57

File: USPT

Aug 14, 2001

US-PAT-NO: 6275229

DOCUMENT-IDENTIFIER: US 6275229 B1

TITLE: Computer user interface for graphical analysis of information using multiple attributes

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KWOC

☐ 31. Document ID: US 6272488 B1

L16: Entry 31 of 57

File: USPT

Aug 7, 2001

US-PAT-NO: 6272488

DOCUMENT-IDENTIFIER: US 6272488 B1

TITLE: Managing results of federated searches across heterogeneous datastores with a federated collection object

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KWOC

☐ 32. Document ID: US 6269361 B1

L16: Entry 32 of 57

File: USPT

Jul 31, 2001

US-PAT-NO: 6269361

DOCUMENT-IDENTIFIER: US 6269361 B1

**\*\* See image for Certificate of Correction \*\***TITLE: System and method for influencing a position on a search result list generated by a computer network search engine

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KVMC

☐ 33. Document ID: US 6263342 B1

L16: Entry 33 of 57

File: USPT

Jul 17, 2001

US-PAT-NO: 6263342

DOCUMENT-IDENTIFIER: US 6263342 B1

TITLE: Federated searching of heterogeneous datastores using a federated datastore object

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KVMC

☐ 34. Document ID: US 6263328 B1

L16: Entry 34 of 57

File: USPT

Jul 17, 2001

US-PAT-NO: 6263328

DOCUMENT-IDENTIFIER: US 6263328 B1

TITLE: Object oriented query model and process for complex heterogeneous database queries

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KVMC

☐ 35. Document ID: US 6202062 B1

L16: Entry 35 of 57

File: USPT

Mar 13, 2001

US-PAT-NO: 6202062

DOCUMENT-IDENTIFIER: US 6202062 B1

TITLE: System, method and article of manufacture for creating a filtered information summary based on multiple profiles of each single user

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KVMC

☐ 36. Document ID: US 6199099 B1

L16: Entry 36 of 57

File: USPT

Mar 6, 2001

US-PAT-NO: 6199099

DOCUMENT-IDENTIFIER: US 6199099 B1

TITLE: System, method and article of manufacture for a mobile communication network utilizing a distributed communication network

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KVMC

☐ 37. Document ID: US 6195651 B1

L16: Entry 37 of 57

File: USPT

Feb 27, 2001

US-PAT-NO: 6195651

DOCUMENT-IDENTIFIER: US 6195651 B1

TITLE: System, method and article of manufacture for a tuned user application experience

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KVMC

☐ 38. Document ID: US 6134548 A

L16: Entry 38 of 57

File: USPT

Oct 17, 2000

US-PAT-NO: 6134548

DOCUMENT-IDENTIFIER: US 6134548 A

TITLE: System, method and article of manufacture for advanced mobile bargain shopping

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KVMC

☐ 39. Document ID: US 6038561 A

L16: Entry 39 of 57

File: USPT

Mar 14, 2000

US-PAT-NO: 6038561

DOCUMENT-IDENTIFIER: US 6038561 A

TITLE: Management and analysis of document information text

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KVMC

☐ 40. Document ID: US 6016487 A

L16: Entry 40 of 57

File: USPT

Jan 18, 2000

US-PAT-NO: 6016487

DOCUMENT-IDENTIFIER: US 6016487 A

TITLE: Method of searching three-dimensional images



Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMIC

☐ 41. Document ID: US 6012053 A

L16: Entry 41 of 57

File: USPT

Jan 4, 2000

US-PAT-NO: 6012053

DOCUMENT-IDENTIFIER: US 6012053 A

TITLE: Computer system with user-controlled relevance ranking of search results

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMIC

☐ 42. Document ID: US 5933822 A

L16: Entry 42 of 57

File: USPT

Aug 3, 1999

US-PAT-NO: 5933822

DOCUMENT-IDENTIFIER: US 5933822 A

TITLE: Apparatus and methods for an information retrieval system that employs natural language processing of search results to improve overall precision

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMIC

☐ 43. Document ID: US 5915250 A

L16: Entry 43 of 57

File: USPT

Jun 22, 1999

US-PAT-NO: 5915250

DOCUMENT-IDENTIFIER: US 5915250 A

\*\* See image for Certificate of Correction \*\*

TITLE: Threshold-based comparison

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMIC

☐ 44. Document ID: US 5913215 A

L16: Entry 44 of 57

File: USPT

Jun 15, 1999

US-PAT-NO: 5913215

DOCUMENT-IDENTIFIER: US 5913215 A

TITLE: Browse by prompted keyword phrases with an improved method for obtaining an initial document set

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMIC

☐ 45. Document ID: US 5913205 A

L16: Entry 45 of 57

File: USPT

Jun 15, 1999

US-PAT-NO: 5913205

DOCUMENT-IDENTIFIER: US 5913205 A

**\*\* See image for Certificate of Correction \*\***

TITLE: Query optimization for visual information retrieval system

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMIC

☐ 46. Document ID: US 5911139 A

L16: Entry 46 of 57

File: USPT

Jun 8, 1999

US-PAT-NO: 5911139

DOCUMENT-IDENTIFIER: US 5911139 A

**\*\* See image for Certificate of Correction \*\***TITLE: Visual image database search engine which allows for different schema

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMIC

☐ 47. Document ID: US 5893095 A

L16: Entry 47 of 57

File: USPT

Apr 6, 1999

US-PAT-NO: 5893095

DOCUMENT-IDENTIFIER: US 5893095 A

**\*\* See image for Certificate of Correction \*\***

TITLE: Similarity engine for content-based retrieval of images

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMIC

☐ 48. Document ID: US 5875446 A

L16: Entry 48 of 57

File: USPT

Feb 23, 1999

US-PAT-NO: 5875446

DOCUMENT-IDENTIFIER: US 5875446 A

TITLE: System and method for hierarchically grouping and ranking a set of objects in a query context based on one or more relationships

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMAC

☐ 49. Document ID: US 5873080 A

L16: Entry 49 of 57

File: USPT

Feb 16, 1999

US-PAT-NO: 5873080

DOCUMENT-IDENTIFIER: US 5873080 A

TITLE: Using multiple search engines to search multimedia data

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMAC

☐ 50. Document ID: US 5873076 A

L16: Entry 50 of 57

File: USPT

Feb 16, 1999

US-PAT-NO: 5873076

DOCUMENT-IDENTIFIER: US 5873076 A

TITLE: Architecture for processing search queries, retrieving documents identified thereby, and method for using same

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMAC

[Generate Collection](#)[Print](#)

Terms	Documents
L12 and (L7 or L8)	57

**Display Format:**

-

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## Search Results

Search Results for: [search engine AND query]

Found 1,545 of 122,783 searched.

**Warning: Maximum result set of 200 exceeded. Consider refining.**

## Search within Results

[> Advanced Search](#)[> Search Help/Tips](#)Sort by: [Title](#) [Publication](#) [Publication Date](#) [Score](#)Results 1 - 20 of 200 [short listing](#)[1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) [9](#) [10](#)**1** [A semisupervised learning method to merge search engine results](#)

100%



Luo Si , Jamie Callan

**ACM Transactions on Information Systems (TOIS)** October 2003

Volume 21 Issue 4

The proliferation of searchable text databases on local area networks and the Internet causes the problem of finding information that may be distributed among many disjoint text databases (*distributed information retrieval*). How to merge the results returned by selected databases is an important subproblem of the distributed information retrieval task. Previous research assumed that either resource providers cooperate to provide normalizing statistics or search clients download all retrie ...

**2** [Coverage, relevance, and ranking: The impact of query operators on Web search engine results](#)

100%



Caroline M. Eastman , Bernard J. Jansen


**ACM Transactions on Information Systems (TOIS)** October 2003

Volume 21 Issue 4

Research has reported that about 10&percent; of Web searchers utilize advanced query operators, with the other 90&percent; using extremely simple queries. It is often assumed that the use of query operators, such as Boolean operators and phrase searching, improves the effectiveness of Web searching. We test this assumption by examining the effects of query operators on the performance of three major Web search engines. We selected one hundred queries from the transaction log of a Web search servic ...


09/615,781 (11/15/2003)

- 3 Search 1: Expert agreement and content based reranking in a meta search environment using Mearf 100%  
B. Uygur Oztekin , George Karypis , Vipin Kumar  
**Proceedings of the eleventh international conference on World Wide Web** May 2002  
Recent increase in the number of search engines on the Web and the availability of meta search engines that can query multiple search engines makes it important to find effective methods for combining results coming from different sources. In this paper we introduce novel methods for reranking in a meta search environment based on expert agreement and contents of the snippets. We also introduce an objective way of evaluating different methods for ranking search results that is based upon implicit ...
- 4 Building efficient and effective metasearch engines 100%  
Weiyi Meng , Clement Yu , King-Lup Liu  
**ACM Computing Surveys (CSUR)** March 2002  
Volume 34 Issue 1  
Frequently a user's information needs are stored in the databases of multiple search engines. It is inconvenient and inefficient for an ordinary user to invoke multiple search engines and identify useful documents from the returned results. To support unified access to multiple search engines, a metasearch engine can be constructed. When a metasearch engine receives a query from a user, it invokes the underlying search engines to retrieve useful information for the user. Metasearch engines have ...
- 5 A highly scalable and effective method for metasearch 100%  
Weiyi Meng , Zonghuan Wu , Clement Yu , Zhuogang Li  
**ACM Transactions on Information Systems (TOIS)** July 2001  
Volume 19 Issue 3  
A metasearch engine is a system that supports unified access to multiple local search engines. Database selection is one of the main challenges in building a large-scale metasearch engine. The problem is to efficiently and accurately determine a small number of potentially useful local search engines to invoke for each user query. In order to enable accurate selection, metadata that reflect the contents of each search engine need to be collected and used. This article proposes a highly scalable ...
- 6 Modeling score distributions for combining the outputs of search engines 100%  
R. Manmatha , T. Rath , F. Feng  
**Proceedings of the 24th annual international ACM SIGIR conference on Research and development in information retrieval** September 2001  
In this paper the score distributions of a number of text search engines are modeled. It is shown empirically that the score distributions on a per query basis may be fitted using an exponential distribution for the set of non-relevant documents and a normal distribution for the set of relevant documents. Experiments show that this model fits TREC-3 and TREC-4 data for not only probabilistic search engines like INQUERY but also vector space search engines like SMART for English. We have also ...
- 7 Transparent Queries: investigation users' mental models of search engines 100%

-  Jack Muramatsu , Wanda Pratt  
**Proceedings of the 24th annual international ACM SIGIR conference on Research and development in information retrieval** September 2001


Typically, commercial Web search engines provide very little feedback to the user concerning how a particular query is processed and interpreted. Specifically, they apply key query transformations without the users knowledge. Although these transformations have a pronounced effect on query results, users have very few resources for recognizing their existence and understanding their practical importance. We conducted a user study to gain a better understanding of users knowledge of and reac ...

- 8 Information retrieval on the web 100%

-  Mei Kobayashi , Koichi Takeda  
**ACM Computing Surveys (CSUR)** June 2000  
Volume 32 Issue 2


In this paper we review studies of the growth of the Internet and technologies that are useful for information search and retrieval on the Web. We present data on the Internet from several different sources, e.g., current as well as projected number of users, hosts, and Web sites. Although numerical figures vary, overall trends cited by the sources are consistent and point to exponential growth in the past and in the coming decade. Hence it is not surprising that about 85% of Internet user ...

- 9 Experiences with selecting search engines using metasearch 100%


-  Daniel Dreilinger , Adele E. Howe  
**ACM Transactions on Information Systems (TOIS)** July 1997  
Volume 15 Issue 3

Search engines are among the most useful and high-profile resources on the Internet. The problem of finding information on the Internet has been replaced with the problem of knowing where search engines are, what they are designed to retrieve, and how to use them. This article describes and evaluates SavvySearch, a metasearch engine designed to intelligently select and interface with multiple remote search engines. The primary metasearch issue examined is the importance of carefully selecti ...


- 10 Learning search engine specific query transformations for question answering 100%

-  Eugene Agichtein , Steve Lawrence , Luis Gravano  
**Proceedings of the tenth international conference on World Wide Web** April 2001

- 11 Towards a highly-scalable and effective metasearch engine 100%







-  Zonghuan Wu , Weiyi Meng , Clement Yu , Zhuogang Li  
**Proceedings of the tenth international conference on World Wide Web** April 2001

- 12 Web Information Retrieval: Using sampled data and regression to merge search engine results 100%

-  Luo Si , Jamie Callan  
**Proceedings of the 25th annual international ACM SIGIR conference on Research and development in information retrieval** August 2002


This paper addresses the problem of merging results obtained from different databases and search engines in a distributed information retrieval environment. The prior research on this

problem either assumed the exchange of statistics necessary for normalizing scores (cooperative solutions) or is heuristic. Both approaches have disadvantages. We show that the problem in uncooperative environments is simpler when viewed as a component of a distributed IR system that uses query-based sampling to cr ...


- 13 Rank-preserving two-level caching for scalable search engines 100%  
 Paricia Correia Saraiva , Edleno Silva de Moura , Novio Ziviani , Wagner Meira , Rodrigo Fonseca , Berthier Riberio-Neto  
**Proceedings of the 24th annual international ACM SIGIR conference on Research and development in information retrieval** September 2001
- 14 Architecture of a metasearch engine that supports user information needs 100%  
 Eric J. Glover , Steve Lawrence , William P. Birmingham , C. Lee Giles  
**Proceedings of the eighth international conference on Information and knowledge management** November 1999  
When a query is submitted to a metasearch engine, decisions are made with respect to the underlying search engines to be used, what modifications will be made to the query, and how to score the results. These decisions are typically made by considering only the user's keyword query, neglecting the larger information need. Users with specific needs, such as "research papers" or "homepages," are not able to express these needs in a way that affects the decisions made b ...
- 15 Rank aggregation methods for the Web 100%  
 Cynthia Dwork , Ravi Kumar , Moni Naor , D. Sivakumar  
**Proceedings of the tenth international conference on World Wide Web** April 2001
- 16 A case study in web search using TREC algorithms 100%  
 Amit Singhal , Marcin Kaszkiel  
**Proceedings of the tenth international conference on World Wide Web** April 2001
- 17 Placing search in context: the concept revisited 100%  
 **ACM Transactions on Information Systems (TOIS)** January 2002  
Volume 20 Issue 1  
Keyword-based search engines are in widespread use today as a popular means for Web-based information retrieval. Although such systems seem deceptively simple, a considerable amount of skill is required in order to satisfy non-trivial information needs. This paper presents a new conceptual paradigm for performing search in context, that largely automates the search process, providing even non-professional users with highly relevant results. This paradigm is implemented in practice in the Intelli ...
- 18 Searching the Web 100%  
 **ACM Transactions on Internet Technology (TOIT)** August 2001  
Volume 1 Issue 1  
We offer an overview of current Web search engine design. After introducing a generic search engine architecture, we examine each engine component in turn. We cover crawling, local Web page storage, indexing, and the use of link analysis for boosting search

performance. The most common design and implementation techniques for each of these components are presented. For this presentation we draw from the literature and from our own experimental search engine testbed. Emphasis is on introduci ...

19 Best Paper: Early experiences with a 3D model search engine 100%

 Patrick Min , John A. Halderman , Michael Kazhdan , Thomas A. Funkhouser  
**Proceeding of the eighth international conference on 3D web technology** March 2003  
New acquisition and modeling tools make it easier to create 3D models, and affordable and powerful graphics hardware makes it easier to use them. As a result, the number of 3D models available on the web is increasing rapidly. However, it is still not as easy to find 3D models as it is to find, for example, text documents and images. What is needed is a "3D model search engine," a specialized search engine that targets 3D models. We created a prototype 3D model search engine to investigate the d ...

20 Placing search in context: the concept revisited 100%

 Lev Finkelstein , Evgeniy Gabrilovich , Yossi Matias , Ehud Rivlin , Zach Solan , Gadi Wolfman , Eytan Ruppin  
**Proceedings of the tenth international conference on World Wide Web** April 2001

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